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- (71) Applicant (*for all designated States except US*): **SABIC HYDROCARBONS B.V.** [NL/NL]; Poststraat 1, NL-6135 KR Sittard (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **POSTMA, Leonardus, Hubertus** [NL/NL]; Clarastraat 30, NL-6462 EP Kerkrade (NL). **CORVERS, Antonius** [NL/NL]; Maaslaan 96, NL-6163 KL Geleen (NL).
- (74) Agent: **NIEUWKAMP, Johannes, Gerardus, Maria**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).
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(54) Title: A PROCESS FOR THE REMOVAL OF ARSINE FROM A HYDROCARBON STREAM WITH AN ADSORBENT

(57) Abstract: A process for the removal of arsine (AsH_3) from a hydrocarbon stream, having an atmospheric boiling point lower than about 0 °C, by contacting the hydrocarbon stream with an adsorbent that contains elemental sulphur deposited on a support material. The amount of sulfur is in the range between 5 and 25 wt. % relative to the total amount of sulfur and support material. Besides arsine also mercury may be removed from the hydrocarbon stream.

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